

## Physics 112

<http://mvhs-sherrard.weebly.com/>

Tuesday, October 20/15

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1. Assignment: U1- S2+S3 - Today, October 20/15

2. Test Unit 1 - Friday, October 23/15

P3 - Monday, October 26/5

*Mundy*

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3. Unit 2 - Dynamics: Section 1 - Types of Forces and FBDs

## Physics 122

<http://mvhs-sherrard.weebly.com/>

Monday, October 19/15

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1. Return -> Formative Assessment - Static Torque
  2. Unit 1 - Section 3 -> Relative Velocity
  3. Velocities Along the Same Line
  4. Relative Velocities Involving Angles
  5. Physics Classroom - Riverboat Simulator
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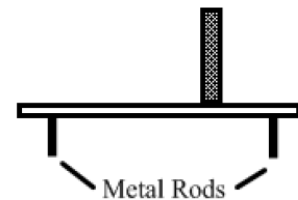
6. Page 110 - #21, 22, 25, 27(a)  
Page 117 - #23, 24, 29

Monday, Oct. 19/15

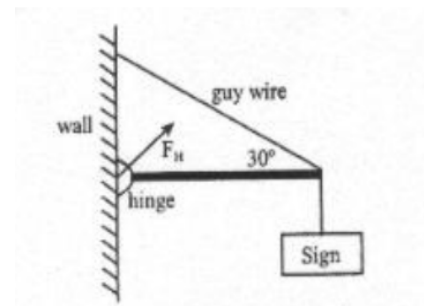
### Formative Assessment - Static Torque

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A bookshelf made of a uniform wooden board 1.5 m long weighs 20.0 N and is supported by two thin metal rods each 5.0 cm from its end as shown in the diagram. A book weighing 16.0 N is placed upright on the shelf at a distance of 0.400 m from the right metal rod. Calculate the force each rod must exert on the board to maintain static equilibrium.




A uniform rod of length 2.0 m and mass 4.0 kg is hinged at the left end. A 25.0 kg sign is suspended from the right end. A guy wire is connected to the end of the rod and is fastened to the wall. Determine the magnitude of the vertical component of the force acting on the hinge.



## Science 10

Tuesday, October 20/15

 <http://mvhs.nbed.nb.ca/>

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1. Topics - Test: Chemistry Unit -> Continue
  2. Video - Fireworks  
OR  
Help with Chemistry Test Topics
  3. **Test: Chemistry Unit -> Friday, October 23/15**
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## Attachments

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P112 - C3 Motion Problems- Freefall.doc